

ABSTRACT

A compact video image recording device for recording video images before and after a triggering event and which utilizes no moving parts is disclosed. The recording device includes at least one camera wherein each camera comprises a lens and a video image sensor. Each video image sensor generates an electronic signal representative of a video image impinging the respective sensor. The output of each image sensor is processed, compressed and generally employed to produce frame data which are successively stored in a successive frame locations of a semiconductor memory organized as a circular buffer memory. Upon the occurrence of a triggering event, a additional frames are stored in the buffer memory and further storage of frames then terminates. A video record is thus created of video images received both before and after the triggering event via a device which contains no moving parts and which can withstand substantial shock and vibration.

105002.wp

0806493-080587
255080-6490680